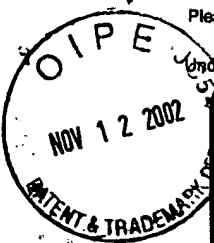


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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete if Known

Application Number	09/493,517
Filing Date	28 January 2000
First Named Inventor	Matthew Fuchs
Group Art Unit	2176
Examiner Name	
Attorney Docket Number	CMRC 1012-1

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MK	C12	Editors: DAN BRICKLEY and R.V. GUHA, "Resource Description Framework (RDF) Schema Specification", W3C Proposed Recommendation 03 March 1999, W3C XP-002203858, available at <a href="http://www.w3.org/TR/1999/PR-rdf-schema-19990303">http://www.w3.org/TR/1999/PR-rdf-schema-19990303</a> , 1-29.	
MK	C13	Editors: DAVID BEECH et al., "XML Schema Part 1: Structures", W3C Working Draft 6-May-1999, W3C XP-002203859, available at <a href="http://www.w3.org/1999/05/06-xmlschema-1">http://www.w3.org/1999/05/06-xmlschema-1</a> , 1-53.	
MK	C14	Editors: PAUL V. BIRON and ASHOK MALHOTRA, "XML Schema Part 2: Datatypes", World Wide Web Consortium Working Draft 06-May-1999, W3C XP-002203860, available at <a href="http://www.w3.org/1999/05/06-xmlschema-2">http://www.w3.org/1999/05/06-xmlschema-2</a> , 1-28.	
MK	C15	KENT BROWN, "BizTalk: Fluent in E-Business", XP-002203861, 1-6, Dec. 1999.	
MK	C16	W. YEONG, T. HOWES, S. KILLE, "Lightweight Directory Access Protocol", ISODE Consortium, March 1995, 1-19.	
MK	C17	R. MOATS, "URN Syntax", AT&T, May 1997, 1-7.	
MK	C18	NILS KLARLUND, ANDERS MOLLER, MICHAEL I. SCHWARTZBACH, "Document Structure Description 1.0", AT&T and BRICS 1999, XP-002203865, 1-34.	
MK	C19	K. NARAYANASWAMY, K.V. BAPA RAO, "An Incremental Mechanism for Schema Evolution in Engineering Domains", IEEE 1988, 294-300.	
MK	C20	Editors: TIM BRAY, JEAN PAOLI, C.M. SPERBERG-MCQUEEN, "Extensible Markup Language (XML)", World Wide Web Consortium 8-December 1997, W3C XP-002203864, available at <a href="http://www.w3.org/TR/PR-xml-971208">http://www.w3.org/TR/PR-xml-971208</a> , 1-32.	
MK	C21	A. DAVIDSON, M. FUCHS, M. HEDLIN, M. JAIN, J. KOISTINEN, C. LLOYD, M. MALONE, K. SCHWARZHOF, "Schema for Object-Oriented XML 2.0", W3C Note 30 July 1999, W3C XP-002203857, available at <a href="http://www.w3.org/1999/07/NOTE-SOX-19990730">http://www.w3.org/1999/07/NOTE-SOX-19990730</a> , 1-22.	
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Examiner  
Signature

*Matthew Fuchs*

Date

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	09/493,517
				Filing Date	January 28, 2000
				First Named Inventor	Matthew Fuchs
				Group Art Unit	2176
				Examiner Name	Heather R. Herndon
Sheet	2	of	2	Attorney Docket Number	CMRC 1012-1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MIC	C1	F. BERGERON and L. RAYMOND, "Managing EDI for corporate advantage: A longitudinal study," Information & Management, 31, 1997, pp. 319-333, Elsevier.	
MK	C2	ROBERT J. BONOMETTI, RAYMOND W. SMITH, and PATRICK E. WHITE, "The Walls Coming Down: Interoperability Opens the Electronic City," The Future of the Electronic Marketplace, The MIT Press, Cambridge, Massachusetts, 1998, pp. 265-301.	
MIC	C3	RICHARD BORT and GERALD R. BIELFELDT, "EDI on the Internet," Handbook of EDI, 1997, pp. B7-1 - B7-19, Warren, Gorham & Lamont, USA.	
MK	C4	DAVID CHAPPELL, "Simple Object Access Protocol (SOAP)," Microsoft Windows: Simple Object Access Protocol Technical Article, September 10, 1999, Microsoft Corporation.	
MIC	C5	P. EMERALD CHUNG, YENNUN HUANG, SHALINI YAJNIK, DERON LIANG, JOANNE C. SHIH, CHUNG-YIH WANG, and YI-MIN WANG, "DCOM and CORBA Side by Side, Step by Step, and Layer by Layer," Can be found at:	
MIC	C6	ISABEL GALLEG0, JAIME DELGADO, and JOSÉ J. ACEBRÓN, "Distributed Models for Brokerage on Electronic Commerce," TREC'98, LINC5 1402, 1998, pp. 129-140, Springer-Verlag Berlin Heidelberg.	
MK	C7	JOHN J. GARGUILO and PAUL MARKOVITZ, "Guidelines for the Evaluation of Electronic data Interchange Products," DRAFT - Technical Report CAML/CLS, December 6, 1995, Gaithersburg, MD, USA.	
	C8	SHIKHAR GHOSH, "Making Business Sense of the Internet," Harvard Business Review, March-April 1998, pp. 126-135.	
MIC	C9	TIMOTHY A. HOWES and MARK C. SMITH, "A Scalable, Deployable, Directory Service Framework for the Internet," April 28, 1995. Can be found at: <a href="http://info.isoc.org/HMP/PAPER/173/html/paper.html">http://info.isoc.org/HMP/PAPER/173/html/paper.html</a> .	
MIC	C10	LI-PHENG KHOO, SHU BENG TOR, and STEPHEN S. G. LEE, "The Potential of Intelligent Software Agents in the World Wide Web in Automating Part Procurement," International Journal of Purchasing and Materials Management, January 1998, pp. 46-52.	
MIC	C11	FREDERICK J. RIGGINS and HYEUN-SUK (SUE) RHEE, "Toward a Unified View of Electronic Commerce," Communications of the ACM, October 1998, Vol. 41, No. 10, pp. 88-95.	

Examiner Signature	<i>Manthanh Nguyen</i>	Date Considered	04/22/04
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				Application Number	09/493,517
				Filing Date	January 28, 2000
				First Named Inventor	Matthew Fuchs
				Group Art Unit	2176
				Examiner Name	Heather R. Herndon
				Attorney Docket Number	CMRC 1012-1
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